FIG.1

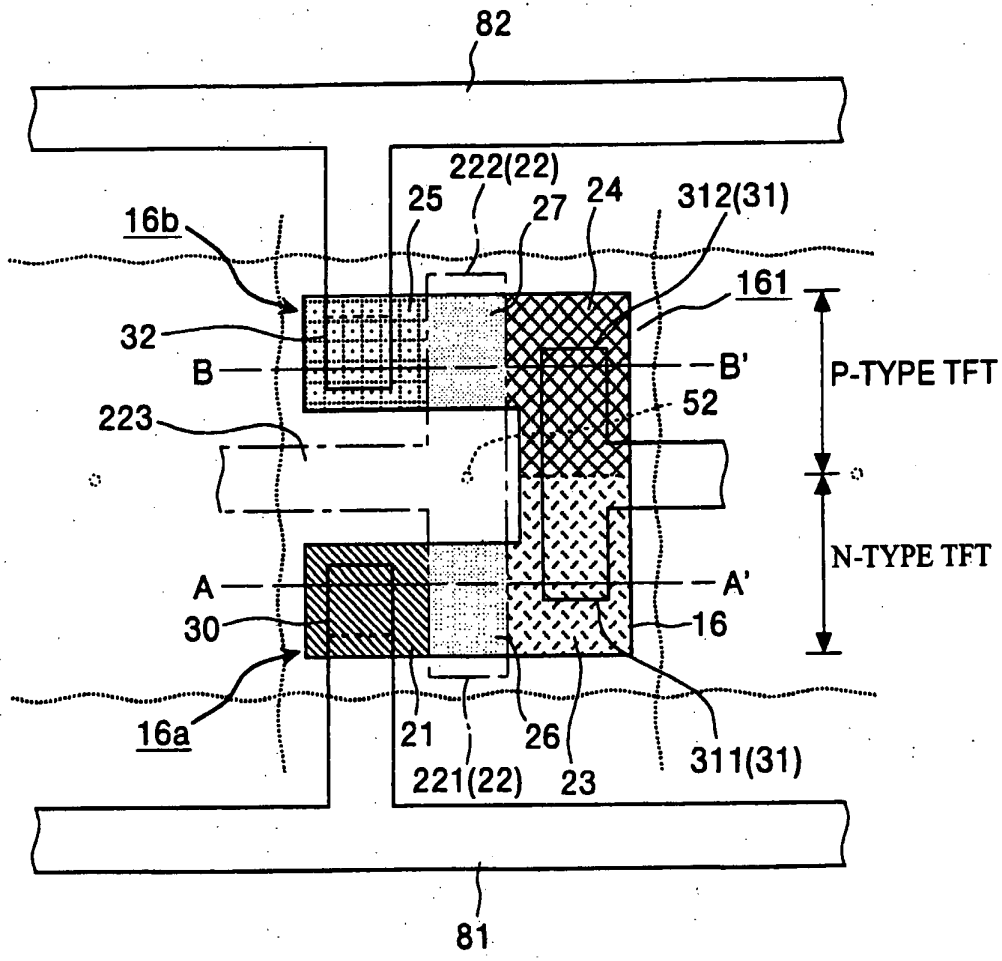

82
222(22)
25
27
24
312(31)
16b
161
32
B
B'
P-TYPE TFT
52
223
N-TYPE TFT
A
A'
30
16
16a
21
26
311(31)
221(22)
23
81

FIG.2

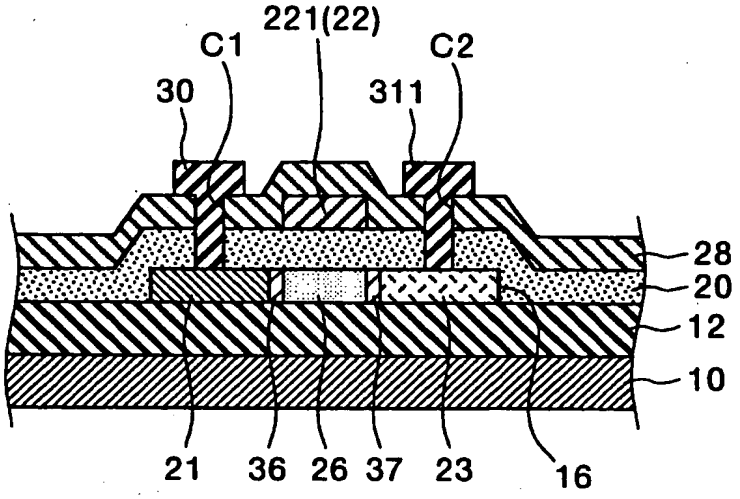

221(22)
C1
C2
30
311
28
20
12
10
21
36
26
37
23
16

FIG.3

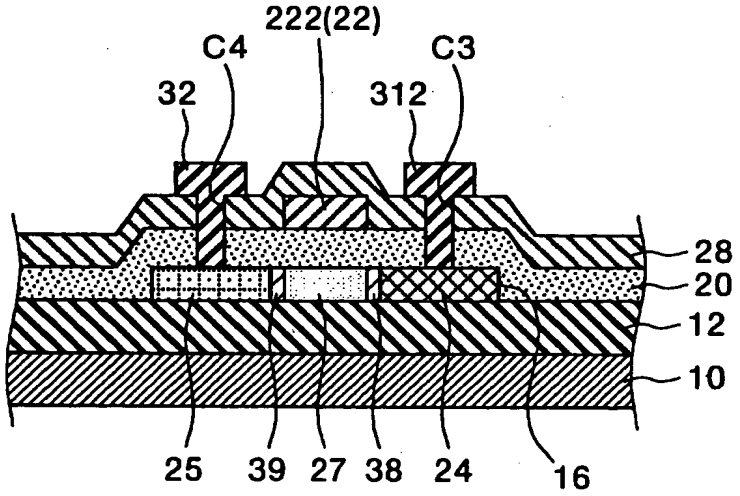

222(22)
C4
C3
32
312
28
20
12
10
25
39
27
38
24
16

FIG.4

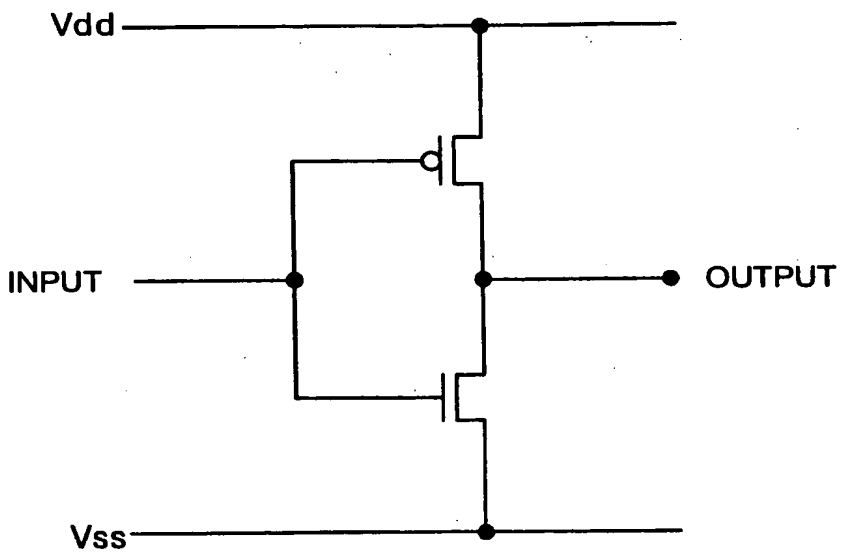


FIG.5

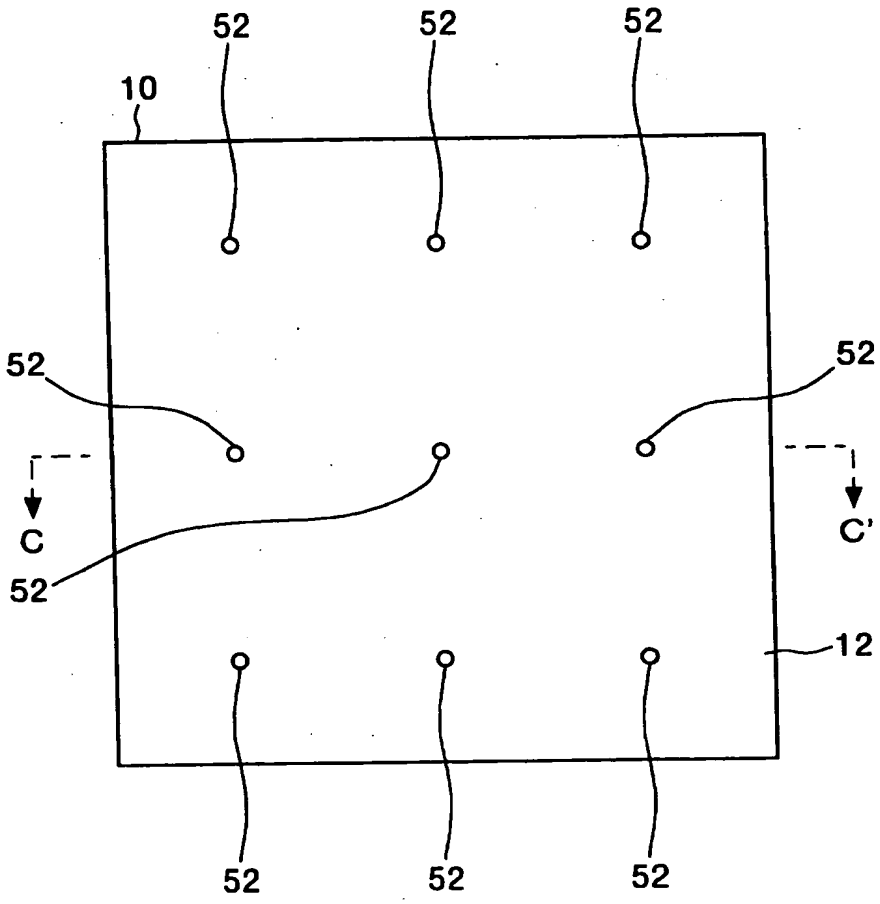


FIG.6A

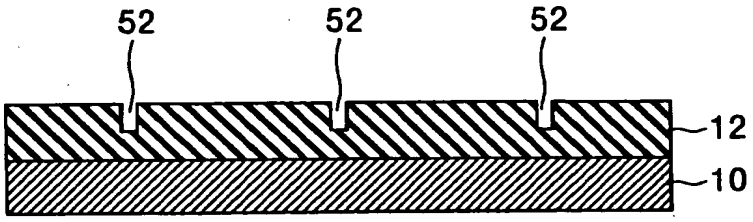


FIG.6B

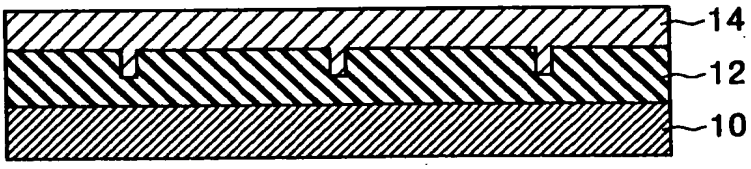


FIG.6C

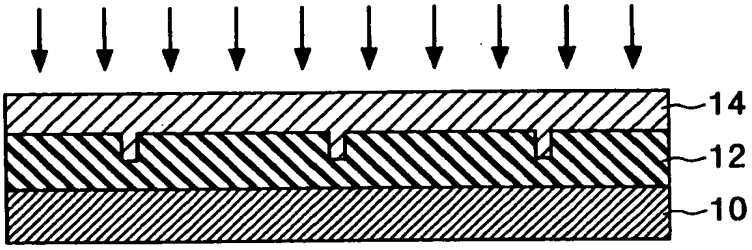


FIG.6D

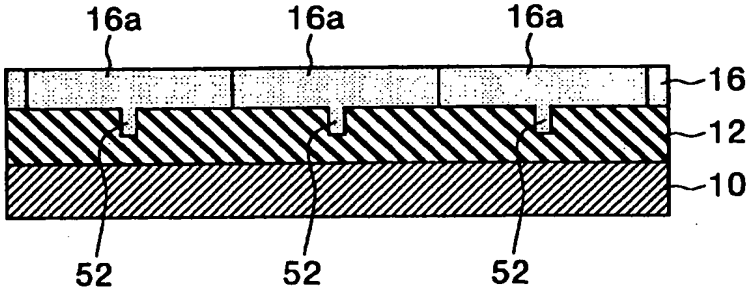


FIG.7

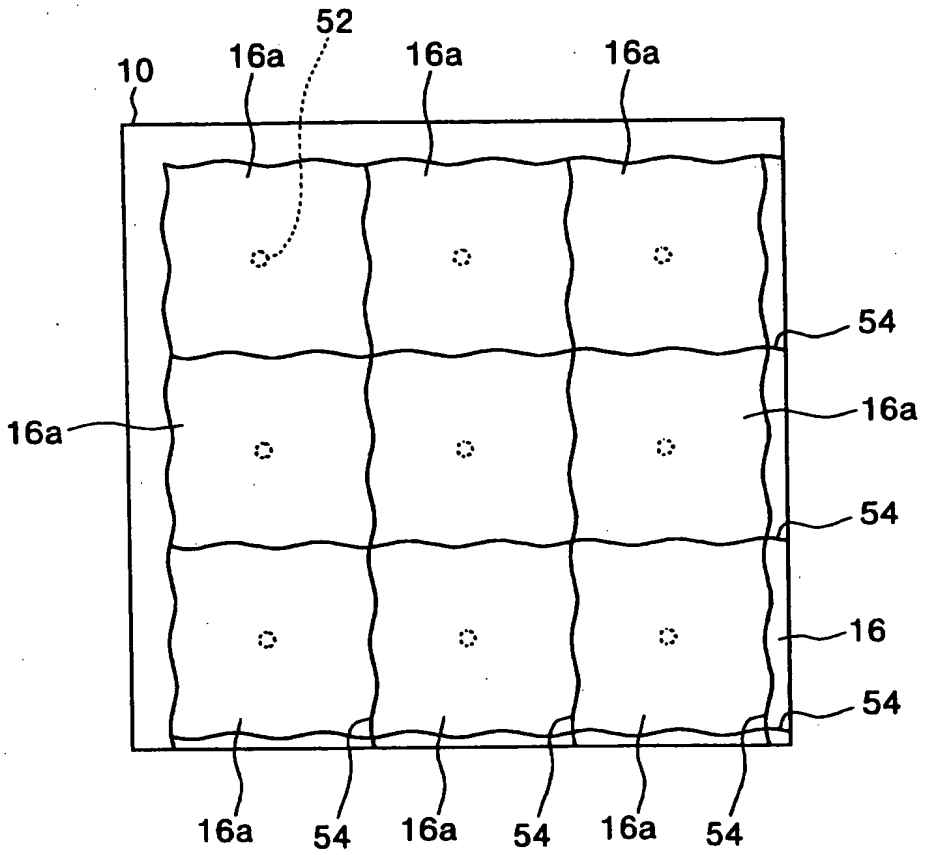


FIG.8

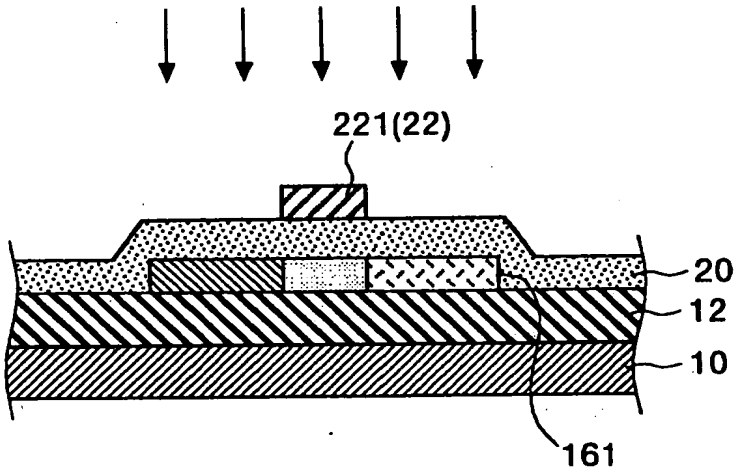


FIG.9

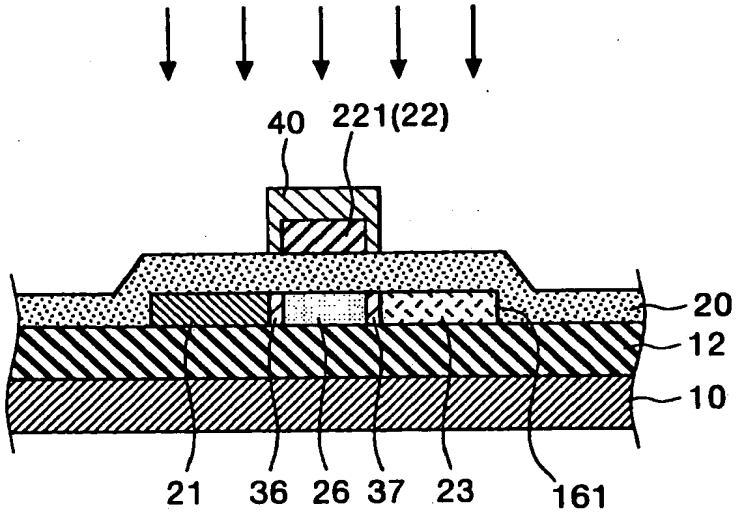


FIG.10

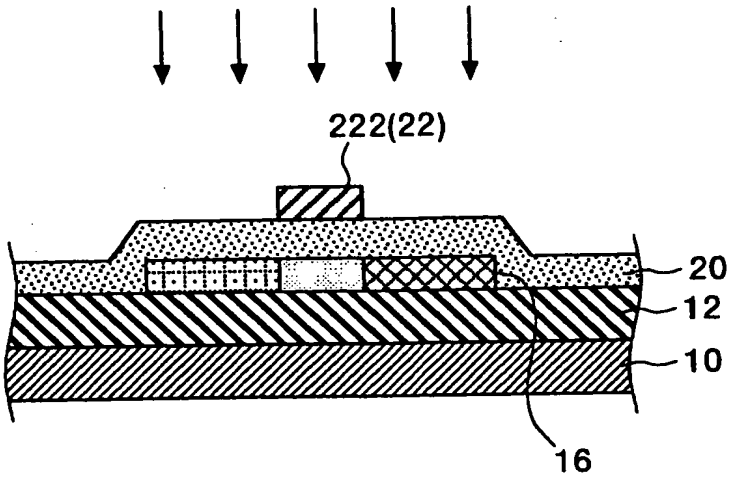


FIG.11

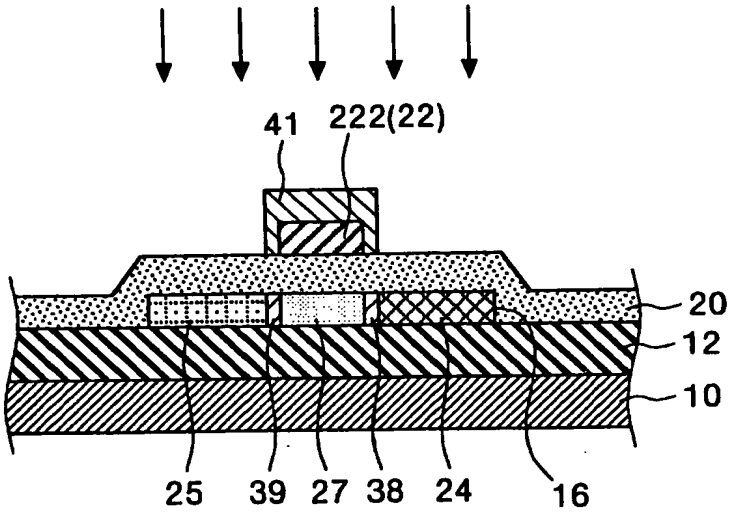


FIG.12

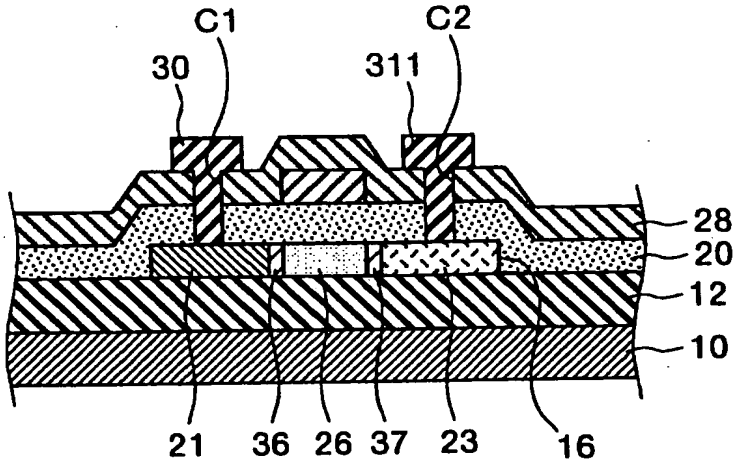

C1
C2
30
311
28
20
12
10
21
36
26
37
23
16

FIG.13

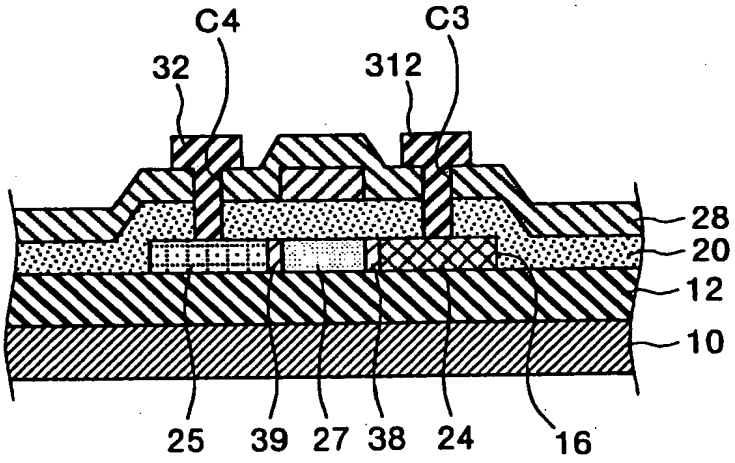

C4
C3
32
312
28
20
12
10
25
39
27
38
24
16

FIG.14

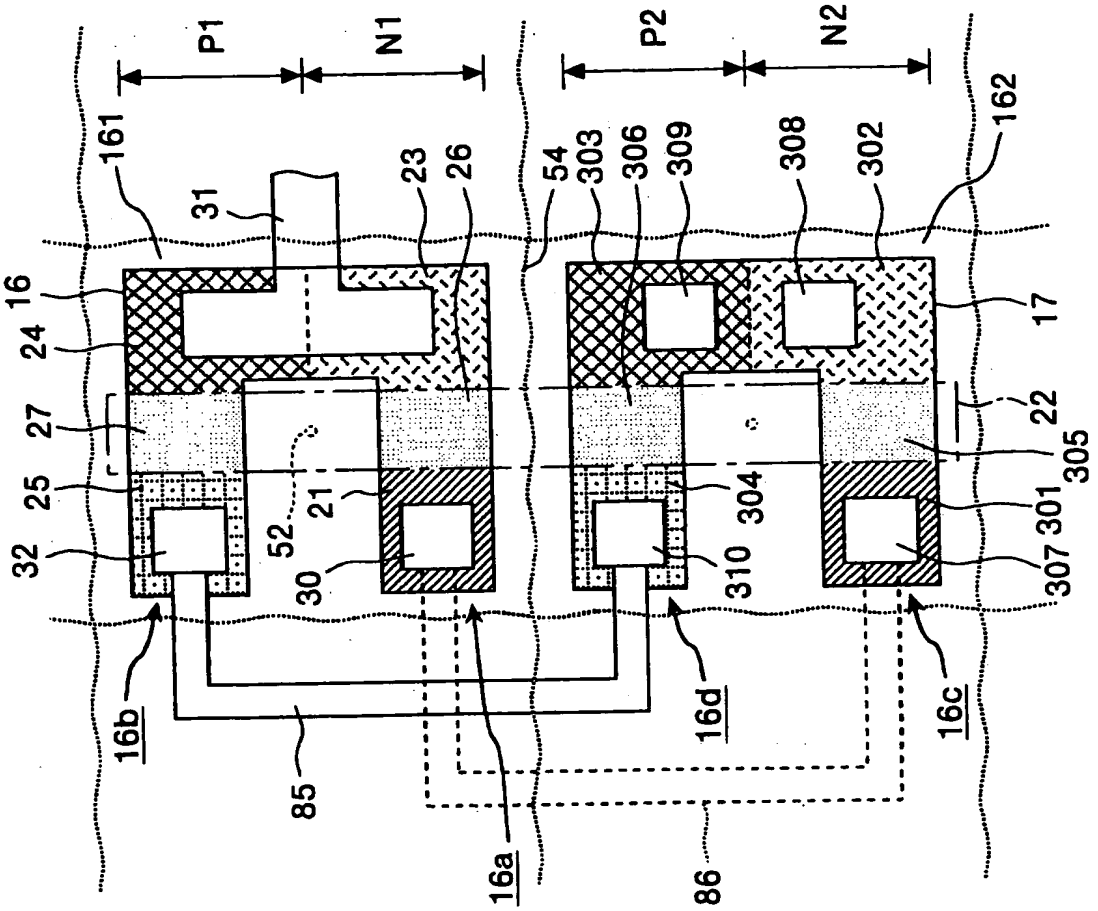

P1
N1
P2
N2
161
31
23
26
54
303
306
309
308
302
162
16
24
17
27
22
305
25
21
304
301
32
52
30
310
307
16b
85
16a
16d
16c
86

FIG.15

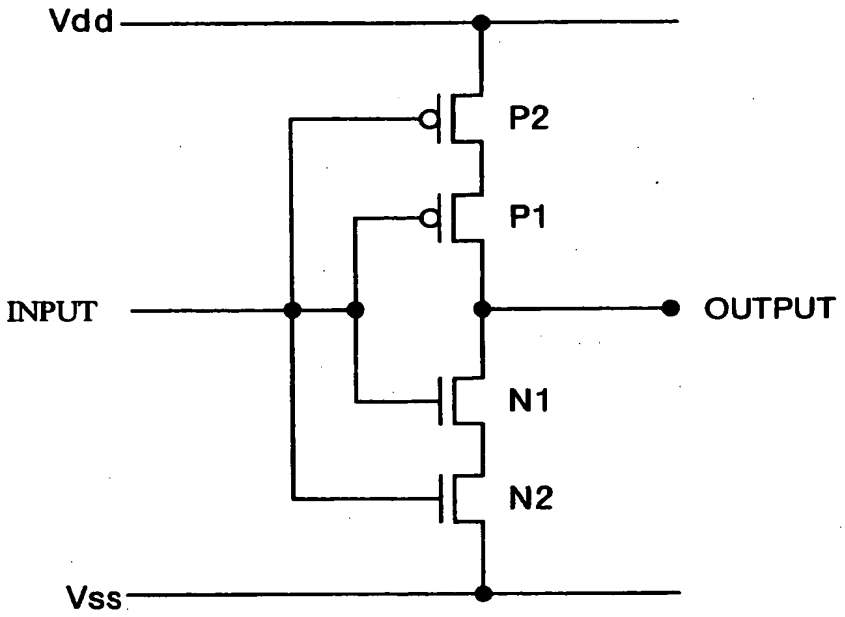


FIG.16

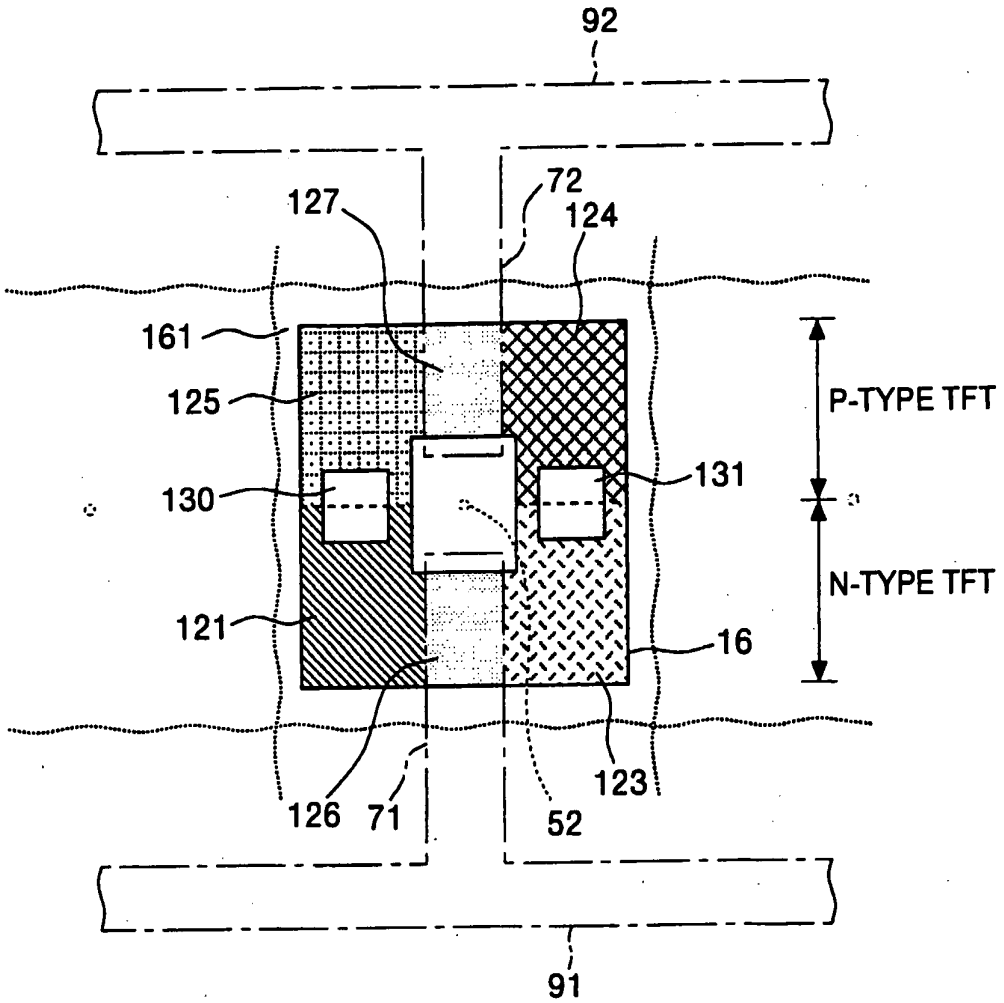

92
72
127
124
161
125
130
131
121
16
123
126
71
52
91
P-TYPE TFT
N-TYPE TFT

FIG.17

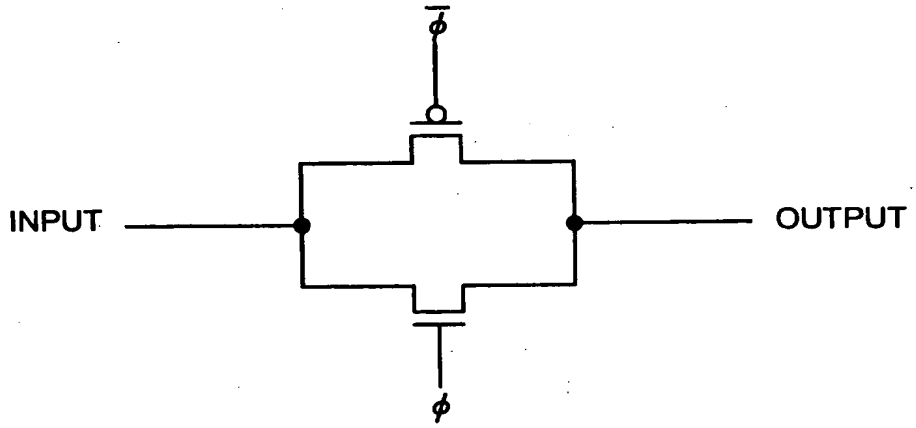


FIG.18

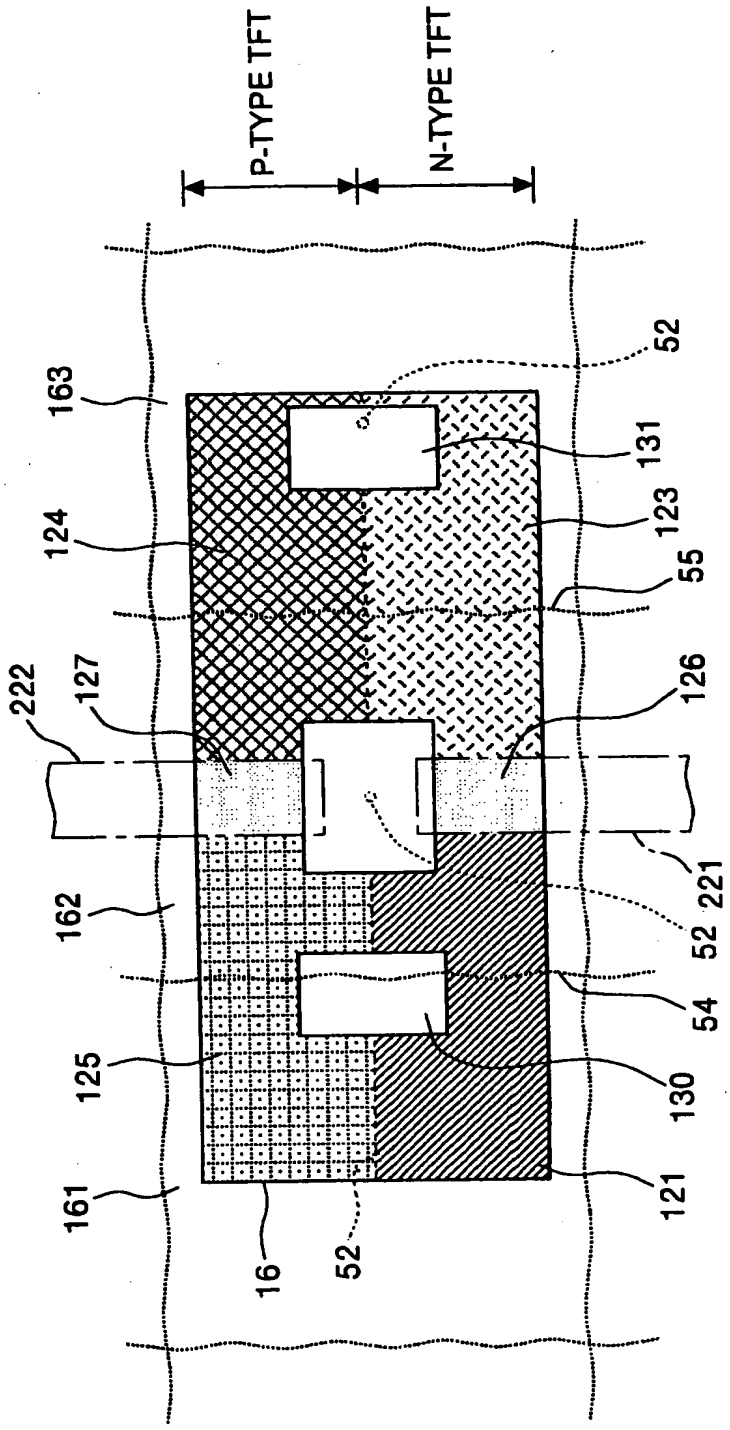

P-TYPE TFT
N-TYPE TFT
163
52
131
124
123
55
222
127
126
221
162
52
54
125
130
121
161
16
52

FIG.19

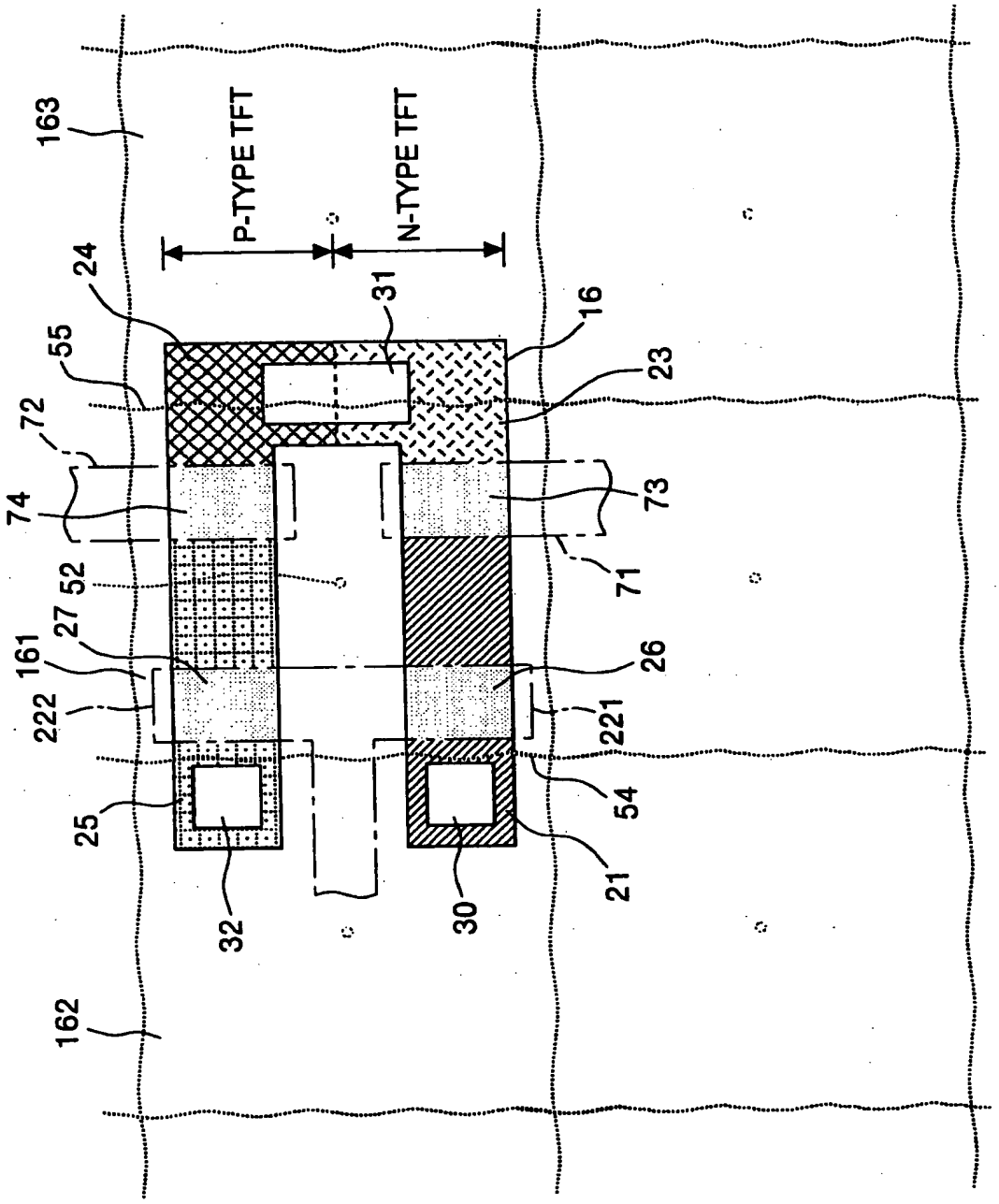

P-TYPE TFT
N-TYPE TFT
163
162
24
55
72
74
52
27
161
222
25
32
31
16
23
73
71
26
221
54
21
30

FIG.20

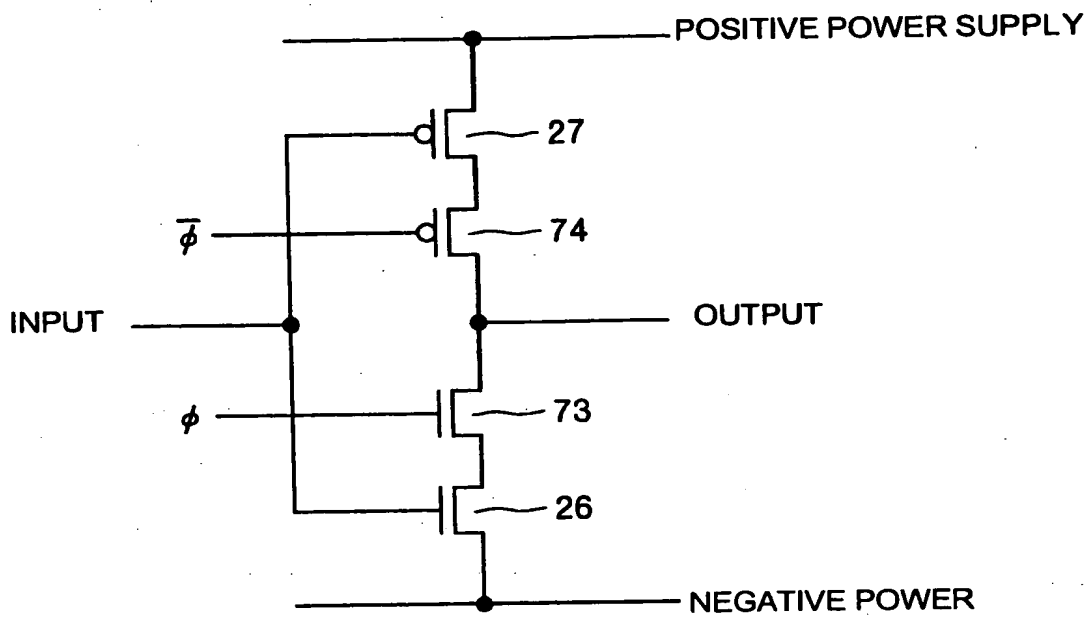

POSITIVE POWER SUPPLY
27
$\overline{\phi}$
74
INPUT
OUTPUT
ϕ
73
26
NEGATIVE POWER

FIG.21

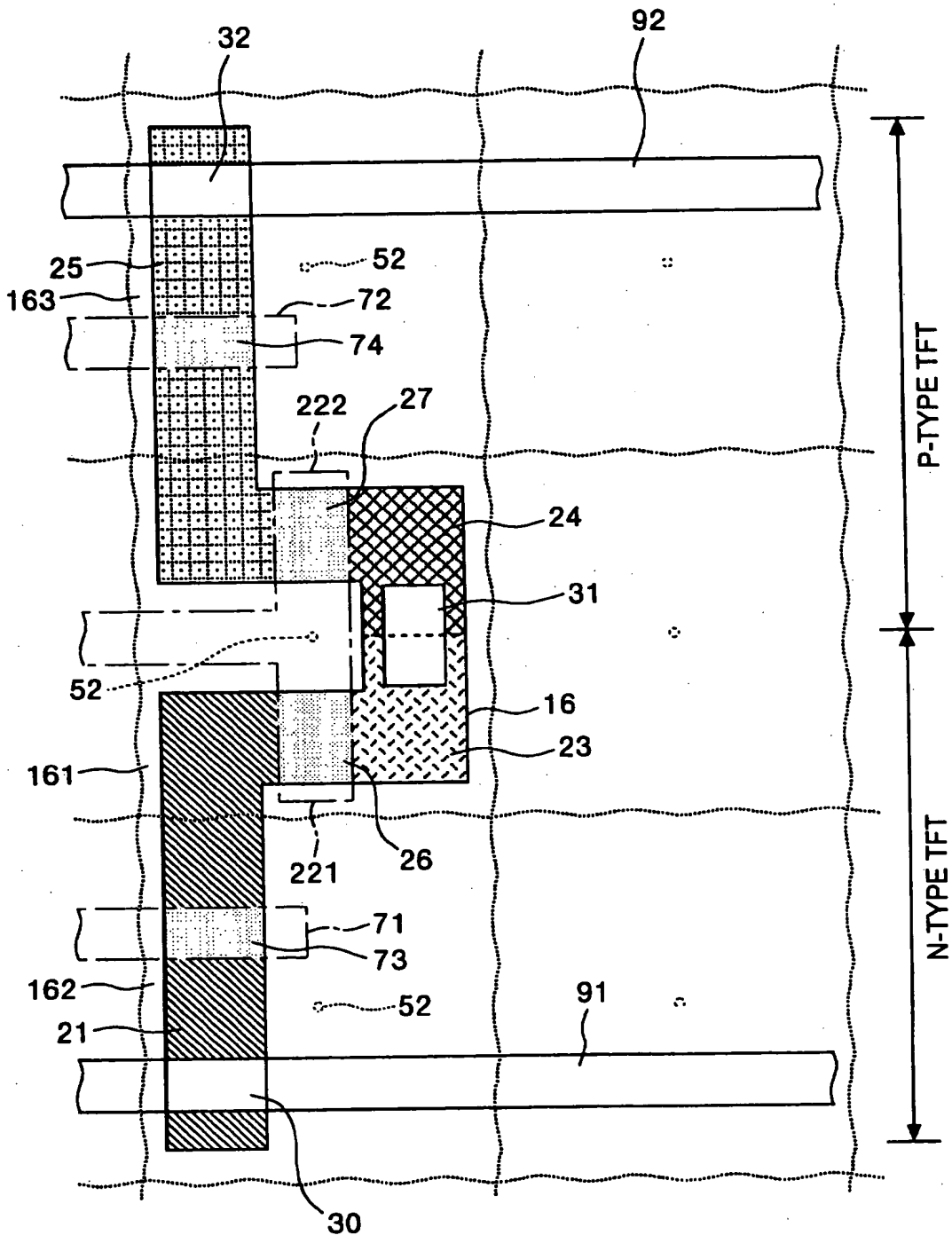

32
92
25
52
163
72
74
222
27
24
31
52
16
23
161
221
26
71
73
162
52
91
21
30
P-TYPE TFT
N-TYPE TFT

FIG.22

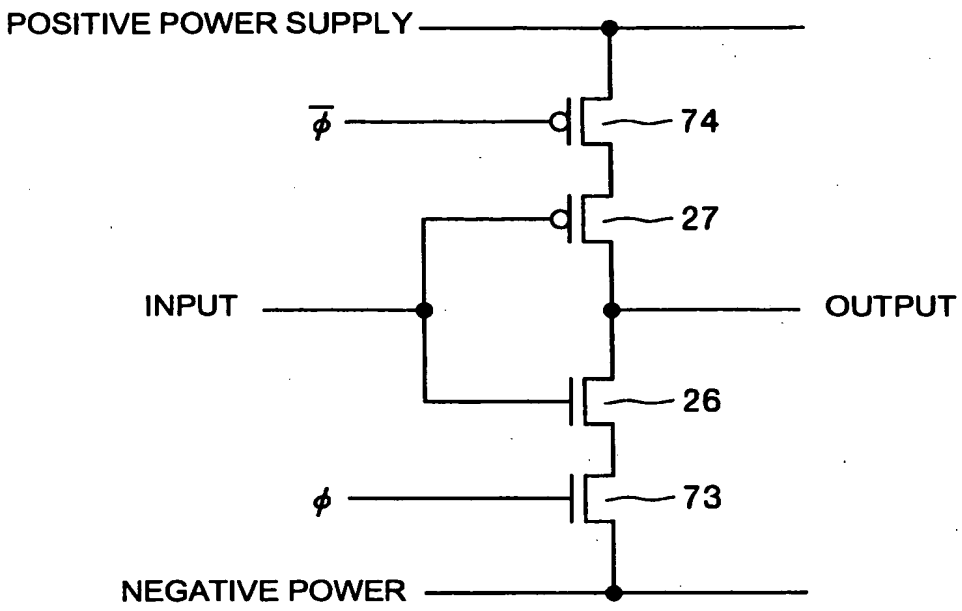

POSITIVE POWER SUPPLY
$\overline{\phi}$
74
27
INPUT
OUTPUT
26
ϕ
73
NEGATIVE POWER

FIG.23

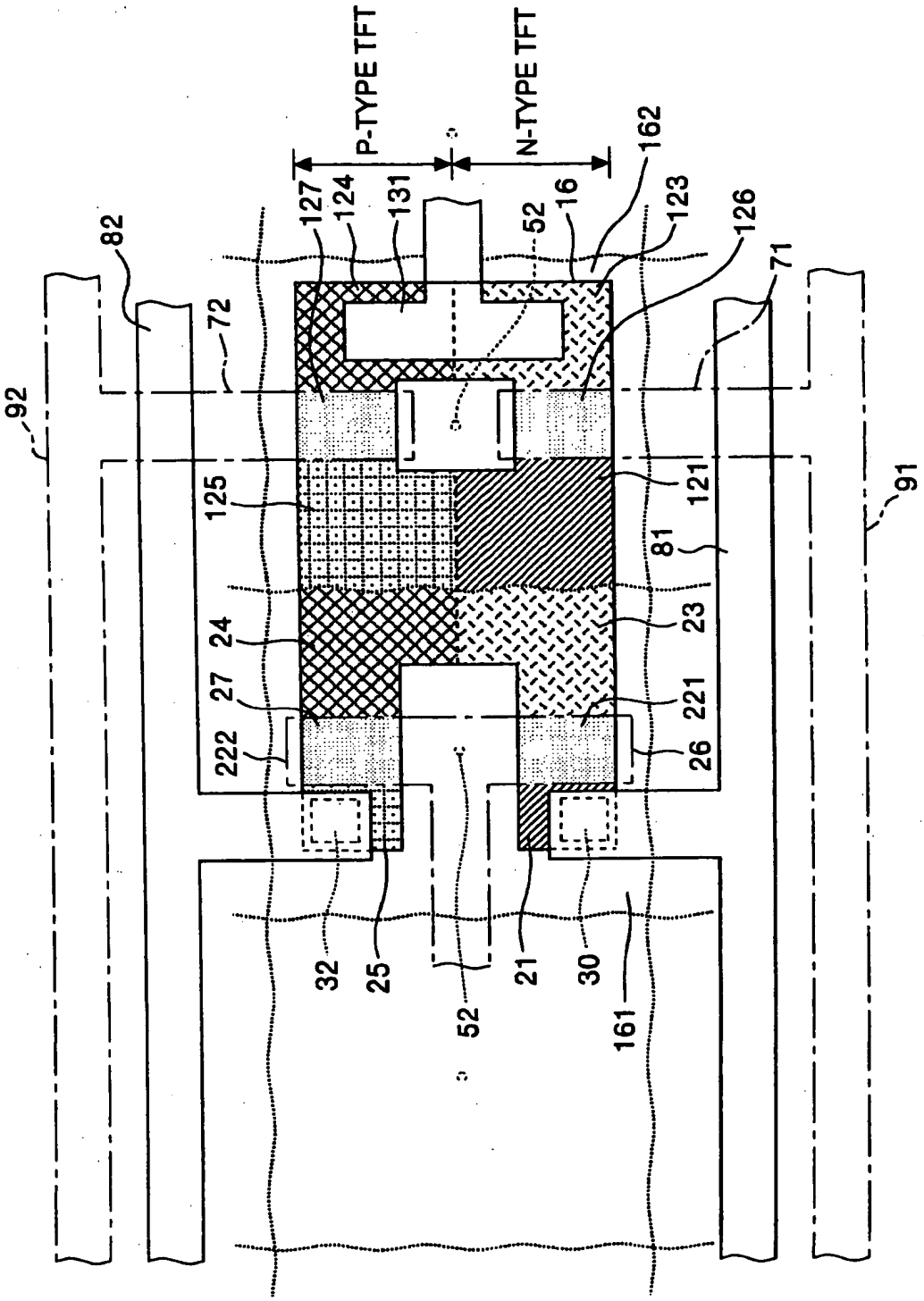

P-TYPE TFT
N-TYPE TFT
82
72
92
127
124
131
52
16
162
123
126
71
125
121
81
91
24
23
27
221
222
26
32
25
52
21
30
161

FIG.24

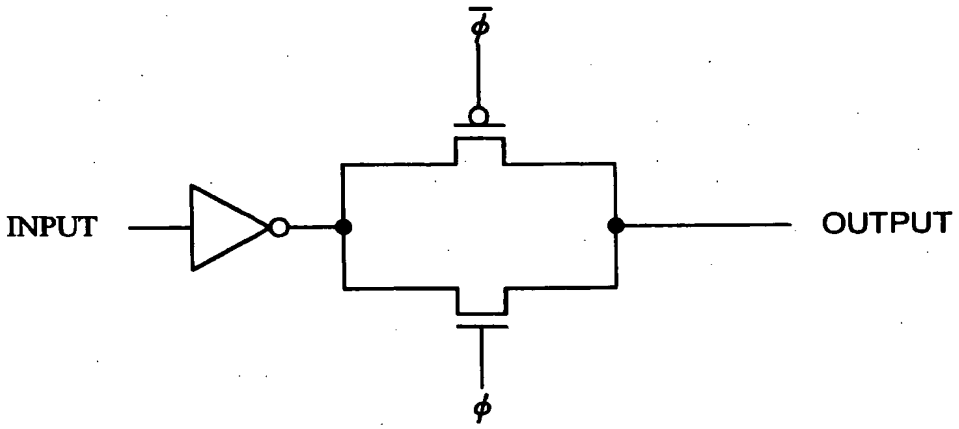
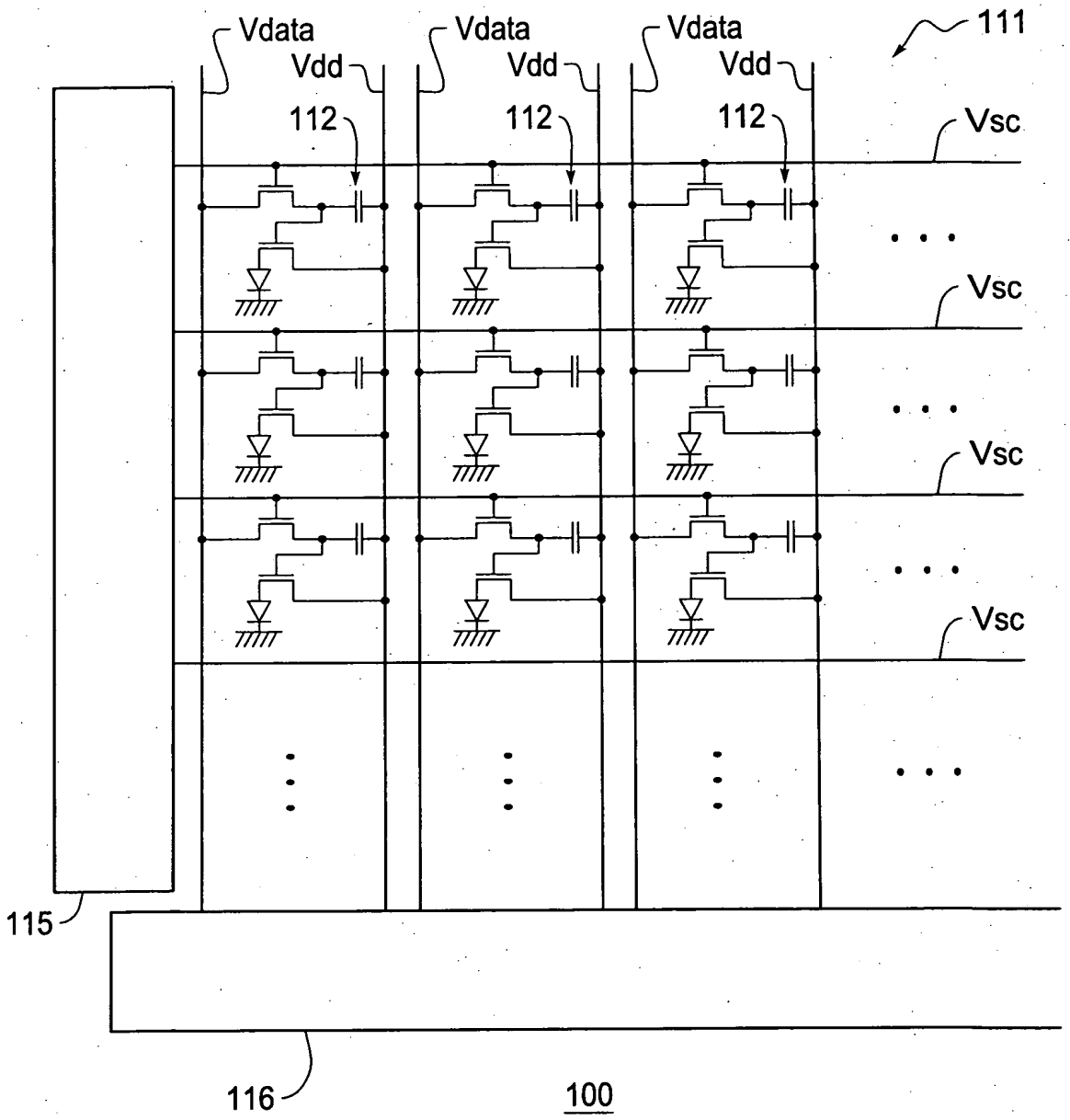


FIG. 25


Vdata
Vdd
112
Vdata
Vdd
112
Vdata
Vdd
112
111
Vsc
Vsc
Vsc
Vsc
115
116
100

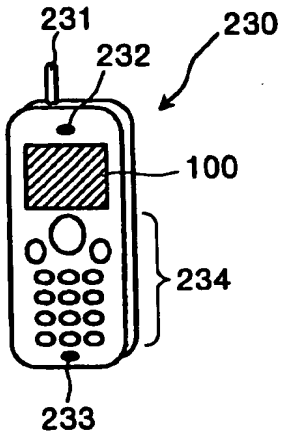


FIG.26A

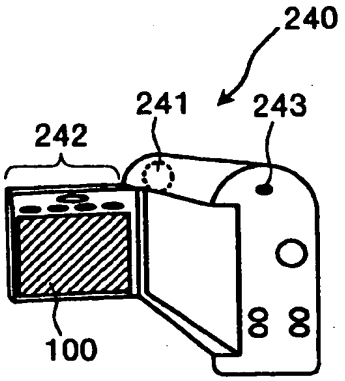


FIG.26B

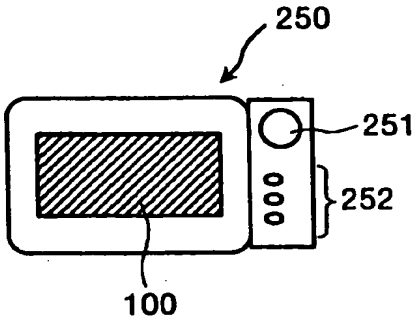


FIG.26C

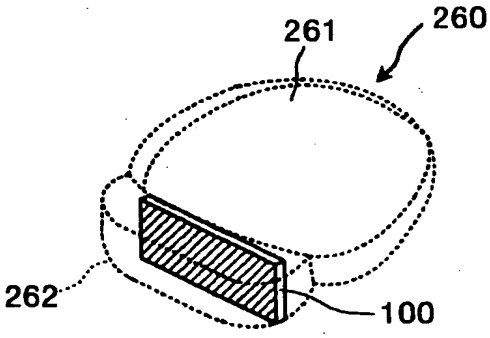


FIG.26D

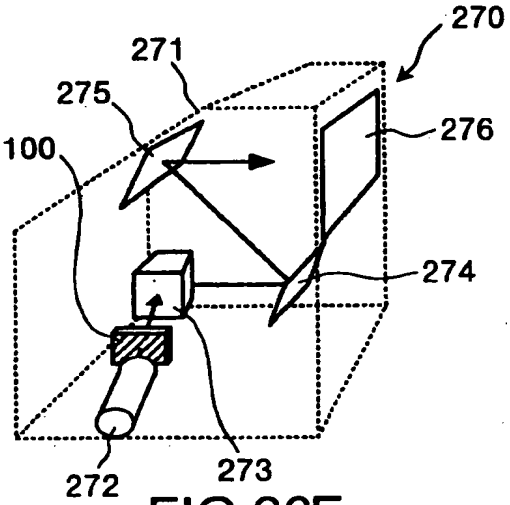


FIG.26E

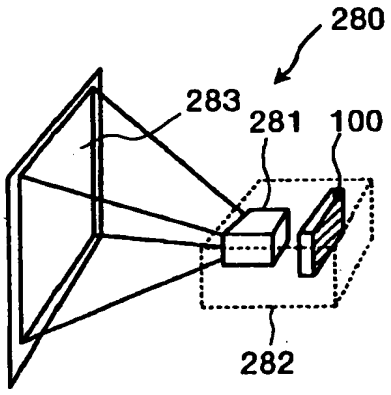


FIG.26F